INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/03520

A. CLASSIFICATION OF SUBJECT MATTER IPC: E21B 7/06(2006.01)				
USPC: 175/82;464/109 According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols) U.S.: 175/82,83,95,101; 166/66.4; 74/500.5, 502.6; 464/52,53,109				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet				
C. DOCI	JMENTS CONSIDERED TO BE RELEVANT		·	
Category *	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim No.	
A	US 6,244,361 B1 (COMEAU et al.) 12 June 2001 (12.06.2001), whole document. 1-21			
A, P	US 6,808,027 B2 (MCLOUGHLIN et al.) 26 October 2004 (26.10.2004), whole document		1-21	
Α	US 5,979,570 A (MCLOUGHLIN et al.) 9 November 1999 (09.11.1999), whole document		1-21	
Further	documents are listed in the continuation of Box C.	See patent family annex.	•	
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		"T" later document published after the inte	ernational filing date or priority	
		date and not in conflict with the ag principle or theory underlying the	prication out cited to understand the byvention	
		"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination		
				"O" document referring to an oral disclosure, use, exhibition or other means
"P" document published prior to the international filing date but later than the priority date claimed		"&" document member of the same patent family		
Date of the actual completion of the international search		Date of mailing of the international sear	on roport	
	(08.05.2006)	Authorized officer	10	
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US		David J. Bagnell	to .	
Commissioner for Patents P.O. Box 1450			V	
Alexandria, Virginia 22313-1450		Telephone No. (571) 272-5150		
Facsimile No. (571) 273-3201				

Form PCT/ISA/210 (second sheet) (April 2005)

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Continuation of B. FIELDS SEARCHED Item 3: Derwent, JPO, EPO				
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